<u>Abstract</u>

The present invention relates to a method of transmitting data over first and second channels, the first channels having a predefined grade of service and the second channels having a variable grade of service, the method comprising: determining a load of a transmit power amplifier, determining a share of the load which is due to the transmission over the first channels, determining a difference between a maximum load and the share, controlling the transmission over the second channels on the basis of the difference.